

ILC related R&D in Russia

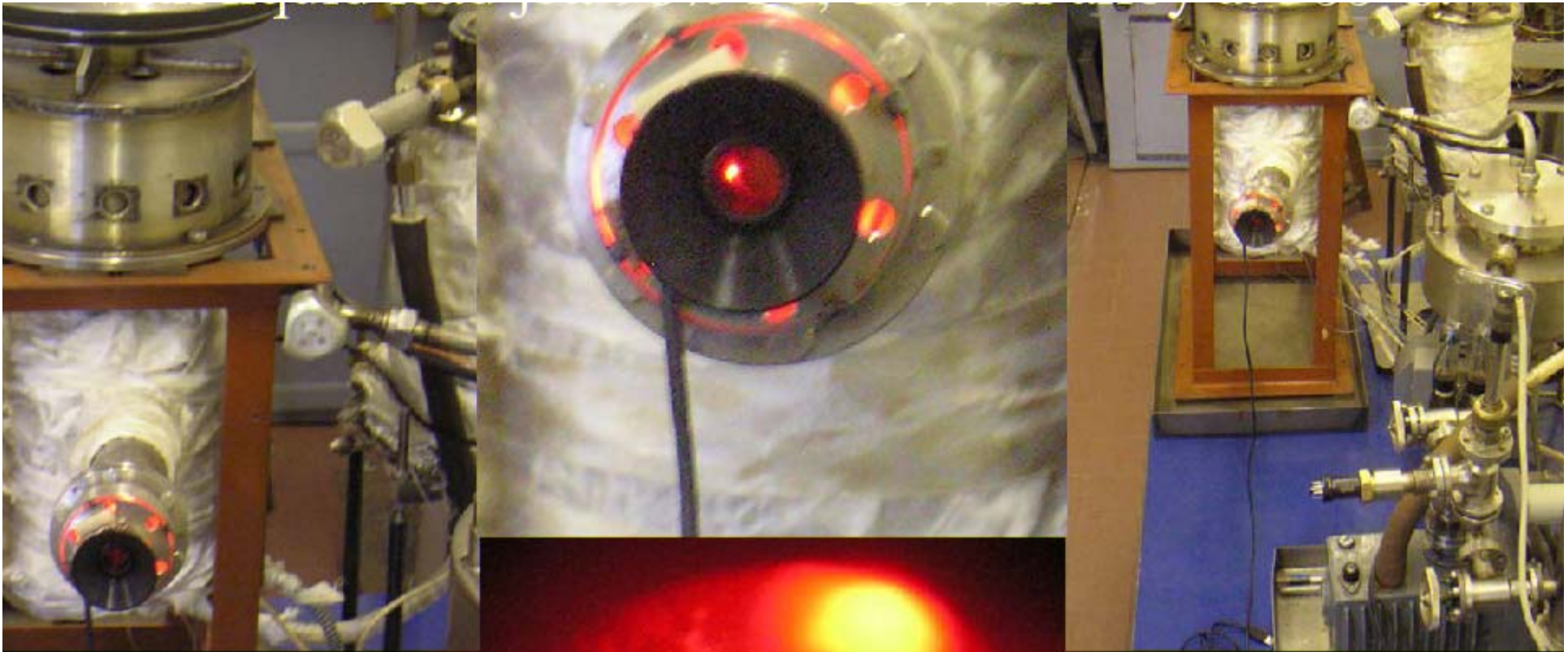
Accelerator part - 9 man-years and about 50k\$ equipment/year

Main topics – High power positron production target,
Standing wave positron pre-accelerator
Nb production technology

Detector part - about 27 man-years, 70k\$ travel, ~80k\$ equipment, 200k\$ ISTC grant

Main topics – Analog HCAL with SiPM readout
Electromagnetic calorimeter
Forward Calorimetry
TPC GEM readout and field optimization
Muon detector based on scintillator strips and SiPM readout

There are many experienced physicists in Russia who want to work on ILC
Unfortunately lack of funding does not allow their efficient involvement in accelerator R&D
Russian HEP community is trying to get state funding for LHC, ILC and other topics
EU support could accelerate and increase the Russian involvement in ILC



Liquid lead jet in vacuum